IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Shuzo IWASHITA, and Shinichi HANDA, both of Kagoshima, Japan Serial No: Not Assigned Filed: November 25, 2003 For: Piezoelectric Ceramics and Method of Manufacturing the Same, Actuator and Method of Manufacturing the Same, Printing Head and Ink Jet Printer										22278 U.S. PTO 10/722157
Mail Stop PATENT APPLICATION Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450									. 1	
Dear Sir:										
CORRESPONDENCE	CORRESPONDENCE ADDRESS: © Customer Number 000026021									
Transmitted herewith for filing is the patent application identified above. 6 sheet(s) of drawings (formal informal) is(are) enclosed. 52 page(s) of specification and1 page(s) of abstract of the invention are enclosed. An assignment of the invention toKYOCERA CORPORATION _ is enclosed _ will follow. An associate power of attorney _ is enclosed _ will follow. Applicant claims small entity status. See 37 CFR 1.27. Declaration and Power of Attorney _ is enclosed _ will follow. A certified copy of Patent Application No filed from which priority is claimed under 35 U.S.C. § 119 is enclosed. IDS enclosed (with reference(s)). Preliminary Amendment is enclosed. Application data sheet is enclosed. See 37 CFR 1.76. Return postcard is enclosed.										
ITÉM	<u> </u>	TOTAL NO. OF	CULAT	NO. OF C	LAIMS	LG/S		\$ AMOUNT	\$ FEE	_
	CC	CLAIMS 30	-20	OVER B	ASE	\$ ENTIT LG=\$18	\$18	180.00		
B INDEPENDENT OF		5	-3	2		SM=\$9 LG=\$86	\$86	172.00		
		S FEE (ADD FINAL COL				SM=\$43			352.00	,
D MULTIPLE-DEPE								TY FEE = \$290	\$ 0	
					-			TY FEE = \$145 TY FEE = \$770	\$ 770.00	\exists
	BASIC FEE SMALL ENTITY FEE = \$385									
								\$ 40	-	
*LIST INDEPEND	*LIST INDEPENDENT CLAIMS 1, 6, 17, 20, and 28									
☐ A check in the an☐ A check in the an☐ The Commission communication o☐ Any addition	nount of \$ <u>0</u> nount of \$ <u>40</u> er is hereby a r credit any o al filing fees r	count No. 50-1314 th _ to cover the filing 0.00 to cover Assignathorized to charge verpayment to Depote equired under 37 C. ocessing fees under	fee is egnmen any de sit Aco F.R. 1.	enclosed. t Recordati eficiency for count No. 5	on fee is r the follo	enclosed wing fees	s associ	ated with this		
Date: November 25, 500 South Grand Ave Los Angeles, CA 900	2003 nue, Suite 19			Respective HOGAN By:Ant Respective	thony J. O					

Attorney Docket No: 81863.0024

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re ap	pplication of:		Art Unit:	Not Assigned
IWASH	IITA, et al.	Examiner:	Not Assigned	
Serial N	No: Not Assigned			
Filed:	November 25, 2003			
For:	Piezoelectric Ceramics and Method of Manufa Same, Actuator and Method of Manufacturing Printing Head and Ink Jet Printer			
	CERTIFICATE OF MAILING "Express Mail" Mailing Labe Date of Deposit: No	l No. <u>EV 324</u>	<u>111 185 US</u>	
Commi	op PATENT APPLICATION issioner for Patents ox 1450 dria, VA 22313-1450			
Dear S	ir:			
	I hereby certify that	ney		1 page(s) of abstract
	ing deposited with the United States Postal with sufficient postage under 37 C.F.R. § 1.10			
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Date: November 25, 2003		- Al-	Reynaldo	
500 So Los An Teleph	& Hartson, LLP buth Grand Avenue, Suite 1900 ligeles, California 90071 lione: 213-337-6700 linie: 213-337-6701		ne of person MUM Signa	mailing papers ture